IN THE ABSTRACT

Please delete the current Abstract in its entirety and substitute therefor the enclosed New Abstract.

NEW ABSTRACT

A method of transmitting data using multi-carrier Code-division Multiple Access (CDMA) for accessing a transmission system includes modulating the data to be transmitted using Orthogonal Frequency-division Multiplexing (OFDM) for producing OFDM modulated data symbols; and spreading the OFDM modulated data symbols with spreading codes including a set of predefined sequences. The sequences are predefined so that they satisfy predetermined auto-correlation and/or cross-correlation criteria within a region around the zero-time offset of the correlation function, defined as an interference Free Window (IFW).